

[4910-13-U] Version 3.0

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2006-24487; Directorate Identifier 2006-NE-13-AD; Amendment
14810 22-13
39-XXXXX; AD 2006-XX-XX]

RIN 2120-AA64

Airworthiness Directives; Pratt & Whitney PW4074, PW4074D, PW4077, PW4077D,
PW4084D, PW4090, PW4090-3, and PW4098 Turbofan Engines

AGENCY: Federal Aviation Administration (FAA), Department of Transportation
(DOT).

ACTION: Final rule.

SUMMARY: The FAA is adopting a new airworthiness directive (AD) for Pratt & Whitney PW4074, PW4074D, PW4077, PW4077D, PW4084D, PW4090, PW4090-3, and PW4098 turbofan engines, with certain front turbine hub part numbers installed. This AD requires a onetime visual inspection of the anti-rotation slots in the front turbine hub, for a machining nonconformance, and its replacement if the inspection failed. This AD results from a report of a crack found in an anti-rotation slot of a front turbine hub, during overhaul shop inspection. The anti-rotation slot geometry was not machined in conformance with the design drawing during manufacture. We are issuing this AD to prevent uncontained engine failure, damage to the airplane, and injury to passengers.

DATES: This AD becomes effective [insert date 35 days after date of publication in the FEDERAL REGISTER]. The Director of the Federal Register approved the incorporation

CONCURRENCES
ROUTING SYMBOL ANE-110
INITIALS/SIG AR
DATE 10/20/06
ROUTING SYMBOL ANE-142
INITIALS/SIG AC/AR
DATE 10/20/06
ROUTING SYMBOL ANE-142
INITIALS/SIG JMC
DATE 10/23/06
ROUTING SYMBOL ANE-7
INITIALS/SIG JB/AR
DATE 10/20/06
ROUTING SYMBOL ANE-111
INITIALS/SIG DM/AR
DATE 10/20/06
ROUTING SYMBOL AEG
INITIALS/SIG RM/AR
DATE 10/20/06
ROUTING SYMBOL ANE-100
INITIALS/SIG AMW
DATE 10/25/06